

ITEM	QTY -041	P/N	DESCRIPTION
1	X	D4970-041	WINDSHIELD DEFLECTOR ASSY
2	1	D4970-1	WINDSHIELD DEFLECTOR - LOWER
3	1	D4970-3	WINDSHIELD DEFLECTOR - UPPER
4	2	D4970-5	DOUBLER
5	6	MS20470AD6-12	RIVET, SOLID, PAN HEAD

UNDER REVIEW
ECR: ECR 387 (SAD)

D4970-041 WINDSHIELD DEFLECTOR ASSY

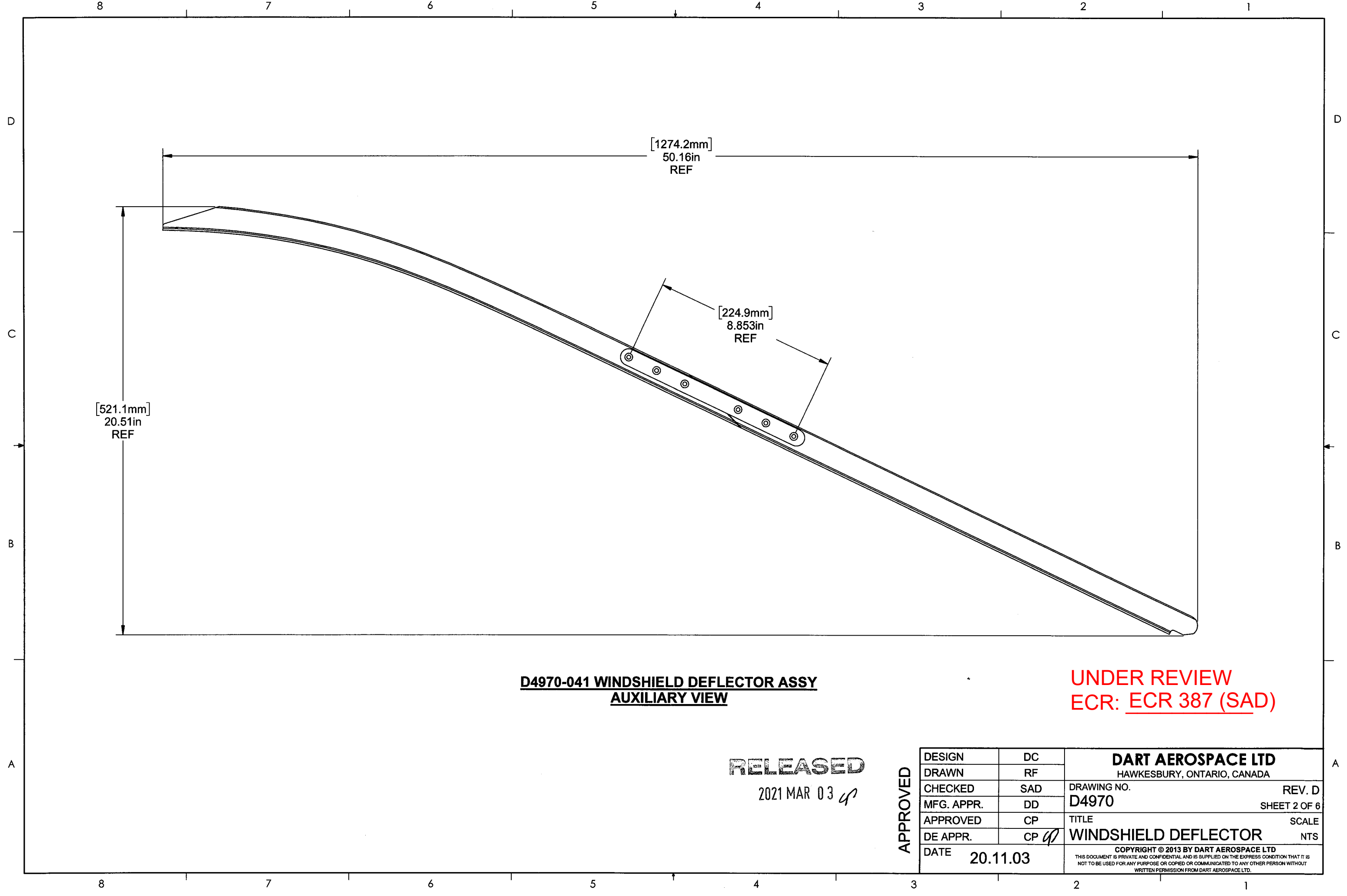
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2021 MAR 03
HS ER 2021 36

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: PRIME PER DART QSI 005 4.2.1 USING MIL-PRF-23377 1-2 MILS
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-041", REVISION, & BATCH NUMBER PER QSI 044 METHOD 6.1 (FINE POINT MARKER)
 - 7) WEIGHT: 3.16 lbs (1.44 kgs)
 - 8) APPLY RTV SEALANT LOCTITE 598 TO FAYING SURFACES

D	REV -041: NOTE 2 (FORMAT), NOTE 6, ADD FLAG 6 (ZN B5-1); REV -1/-3: NOTES 1 (ADD PLATE OPTION), 6, 8, R0.125 WAS R0.10 (B2-3, B2-4), ADD FLAG 6 (B6-3, B4-4); REV -1: RMV NOTE 9, ADD APICAL P/N REF (B5-3); REV -5: NOTES 1 (ADD PLATE OPTION), 6, 8	RF	20.11.03
C	REVISED D4970-1 (ZN B4-3), ADDED DETAIL C (ZN C3-3), ADDED FOUR HOLES TO D4970-3 (ZN D6-5). REVISED HOLE DIMENSION FROM 0.191 TO 0.201 (ZN B4-5); REVISE NOTE 6) (ZN A8-1, A8-3, A8-4, A8-6)	AK	14.06.05
B	ADDED HOLES TO D4970-1 AND D4970-3. ADDED SHEET 5	AK	14.05.02
A	NEW ISSUE	DC	13.11.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	SAD	DRAWING NO.	REV. D
MFG. APPR.	DD	D4970	SHEET 1 OF 6
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	WINDSHIELD DEFLECTOR	NTS
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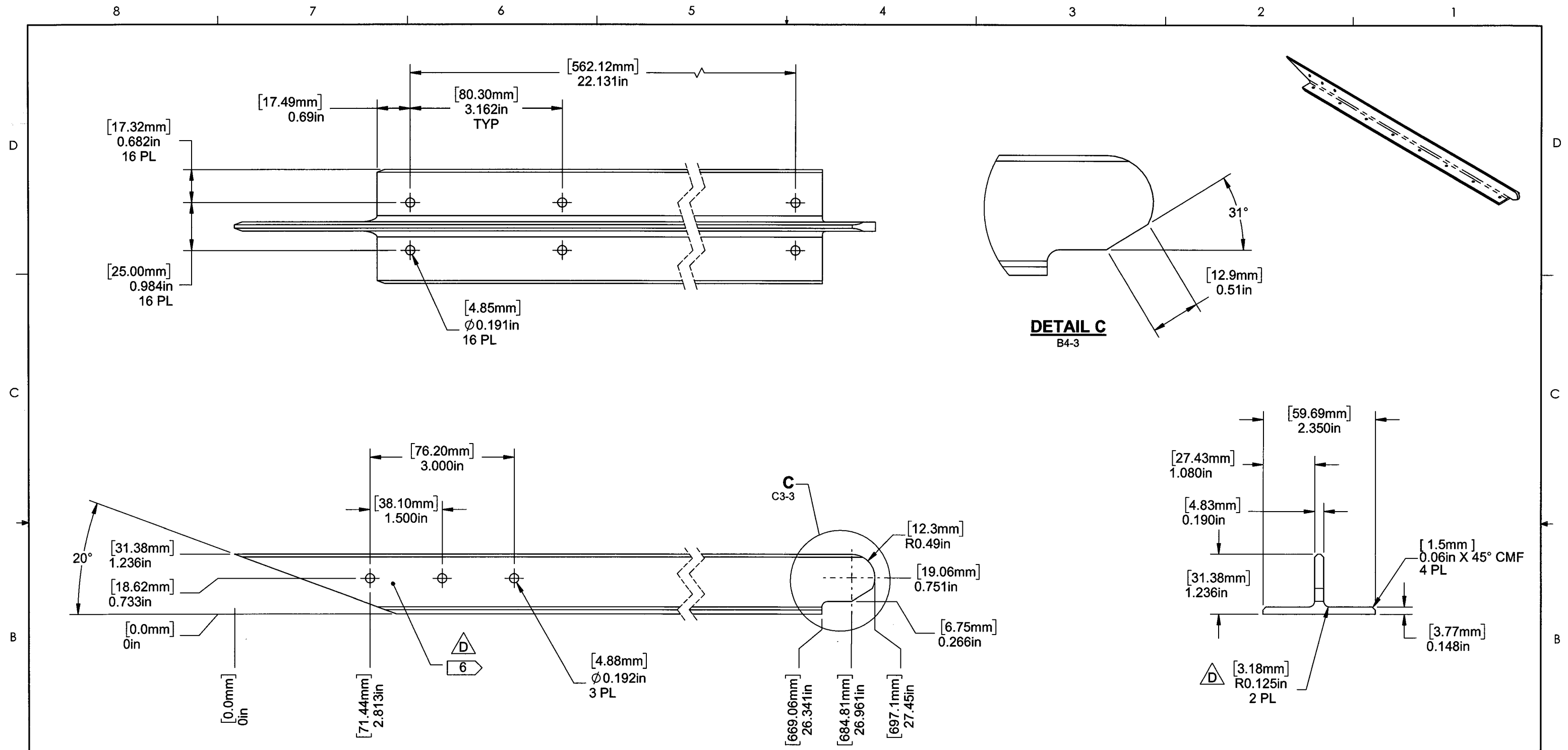
D4970-041 WINDSHIELD DEFLECTOR ASSY
AUXILIARY VIEW

UNDER REVIEW
ECR: ECR 387 (SAD)

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CHECKED	SAD	DRAWING NO. D4970	REV. D
MFG. APPR.	DD		SHEET 2 OF 6
APPROVED	CP	TITLE WINDSHIELD DEFLECTOR	SCALE
DE APPR.	CP <i>CP</i>		NTS
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D4970-1 WINDSHIELD DEFLECTOR - LOWER
(WAS APICAL P/N 647.9413)

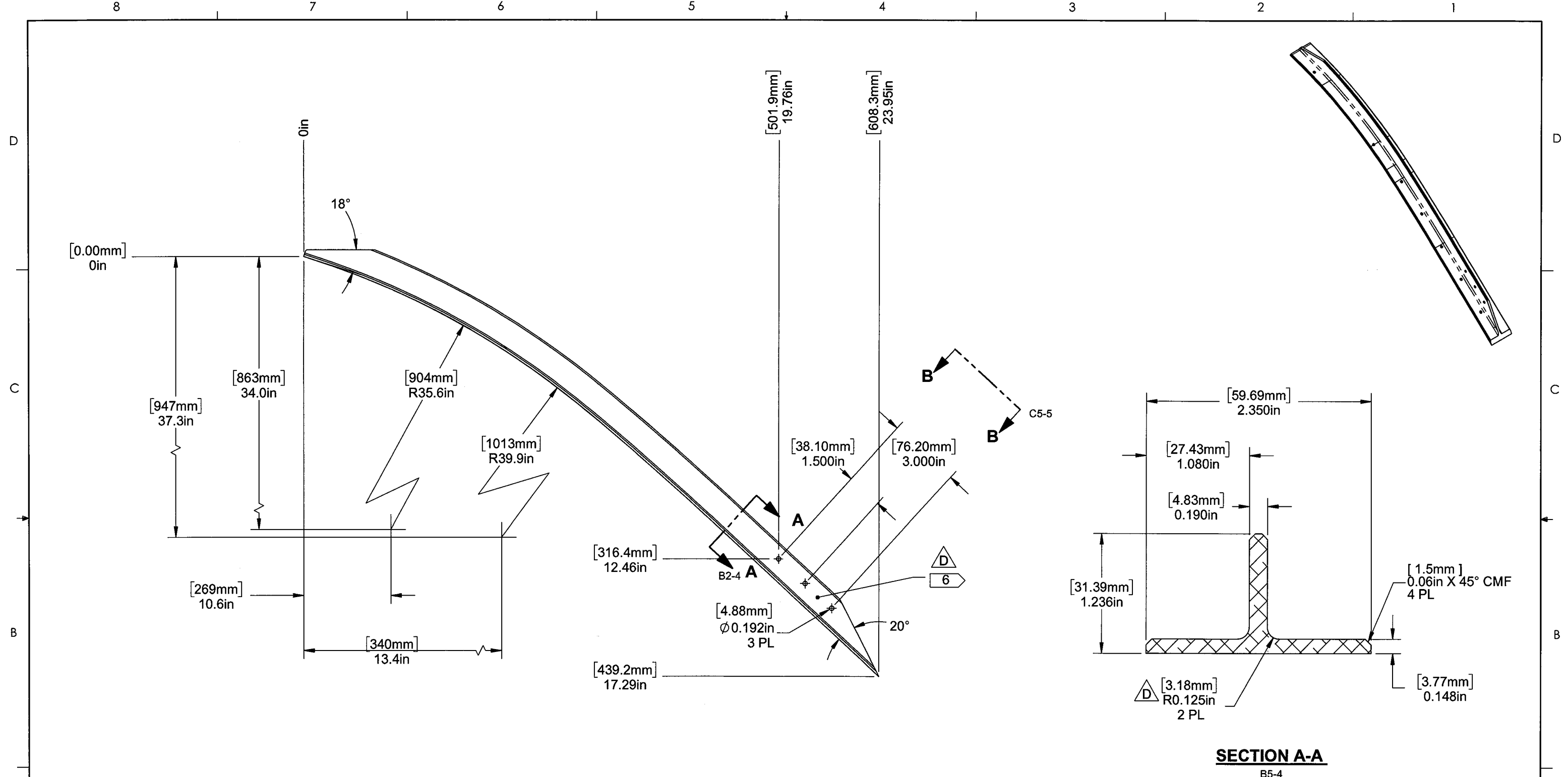
NOTES:

- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR PER AMS-QQ-A-200/11
REF DART SPEC M7075T6B
OR 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE
PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209
REF DART SPEC M7075T6S
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-1", REVISION, & BATCH NUMBER PER QSI 044 METHOD 6.1 (FINE POINT MARKER)
- 7) WEIGHT: 1.35 lbs (0.62 kgs)
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4970-1-D.STEP

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UNDER REVIEW
ECR: ECR 387 (SAD)

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	DRAWN	RF		
	CHECKED	SAD	DRAWING NO.	REV. D
	MFG. APPR.	DD	D4970	SHEET 3 OF 6
	APPROVED	CP	TITLE	SCALE
	DE APPR.	CP	WINDSHIELD DEFLECTOR	NTS
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NOTES:

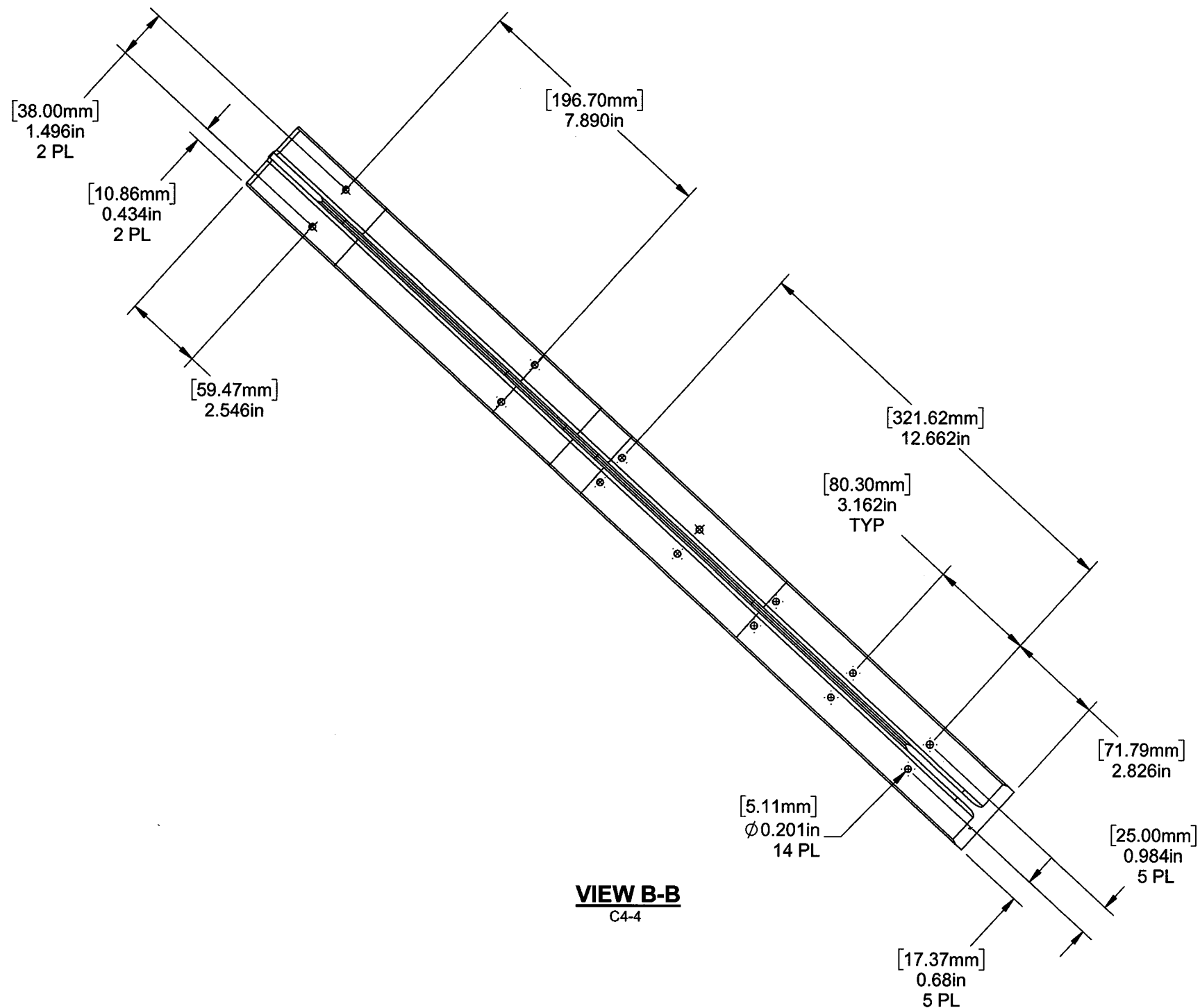
- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR PER AMS-QQ-A-200/11
REF DART SPEC M7075T6B
OR 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE
PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209
REF DART SPEC M7075T6S
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-3", REVISION, & BATCH NUMBER PER QSI 044 METHOD 6.1(FINE POINT MARKER)
- 7) WEIGHT: 1.61 lbs (0.73 kgs)
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4970-3-D.STEP

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DRAWN	RF		
CHECKED	SAD	DRAWING NO. D4970	REV. D
MFG. APPR.	DD	SHEET 4 OF 6	
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	WINDSHIELD DEFLECTOR	NTS
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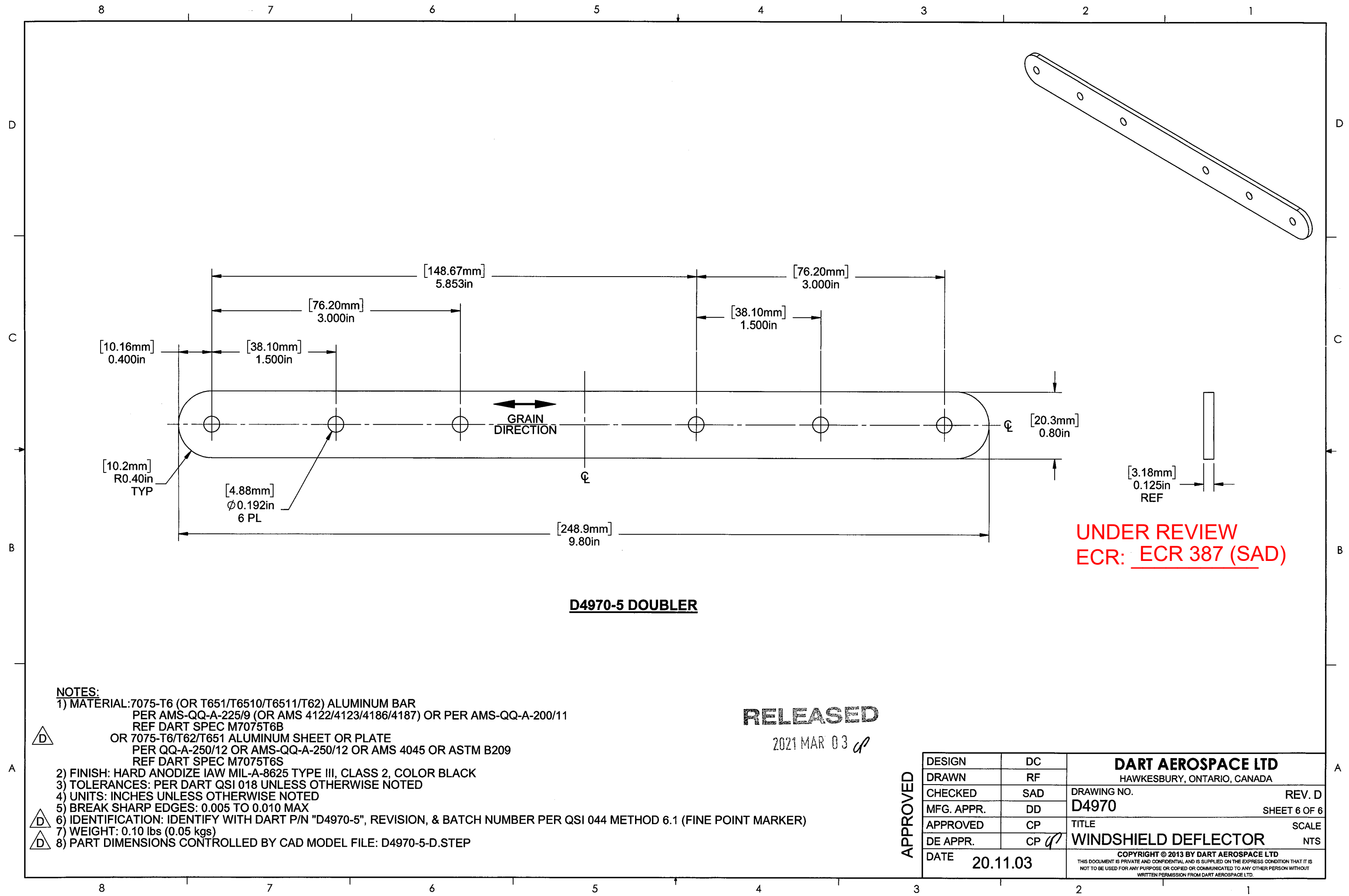
D4970-3 WINDSHIELD DEFLECTOR - UPPER

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DRAWN	RF		
CHECKED	SAD	DRAWING NO. D4970	REV. D
MFG. APPR.	DD		SHEET 5 OF 6
APPROVED	CP	TITLE WINDSHIELD DEFLECTOR	SCALE
DE APPR.	CP <i>qp</i>		NTS
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D4970-5 DOUBLER

NOTES:

- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR PER AMS-QQ-A-200/11
REF DART SPEC M7075T6B
OR 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE
PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209
REF DART SPEC M7075T6S
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-5", REVISION, & BATCH NUMBER PER QSI 044 METHOD 6.1 (FINE POINT MARKER)
- 7) WEIGHT: 0.10 lbs (0.05 kgs)
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4970-5-D.STEP

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DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	SAD	DRAWING NO. D4970	REV. D
MFG. APPR.	DD	SHEET 6 OF 6	
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>CP</i>	WINDSHIELD DEFLECTOR	NTS
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